

ABSTRACT

A micro and nano-particulate drug comprising a drug substance and a surfactant in which the drug and surfactant form a eutectic mixture. The matrix formed between the drug substance and the surfactant has a melting point less than the decomposition temperature of the drug substance and thus provides the advantages of reduced irritation due to the melting process without the prior art problem of decomposition of the drug substance. In one embodiment, crystals are formed while the mixture is cooled at room temperature under high shear conditions. In a second embodiment, a flowable material may be formed which also contains the drug and that may be incorporated into a pharmaceutical delivery system is also disclosed. Methods of preparing the micro and nano-particulate drug crystals and non-crystalline substance are also contemplated in the inventive subject matter.